Fig.1

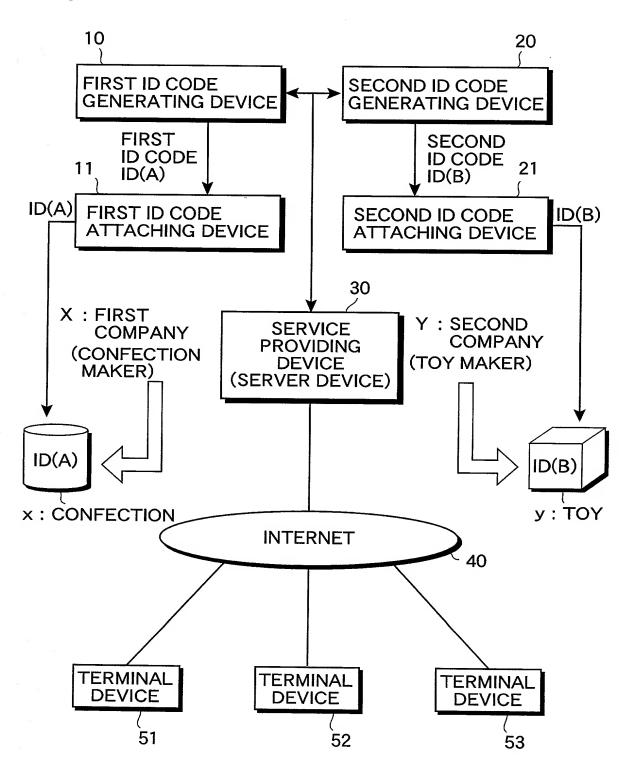


Fig.2

FUNCTIONS OF SERVER DEVICE

FIRST FUNCTION	INPUTTING ID
SECOND FUNCTION	CONFIRMING ID
THIRD FUNCTION	PROVIDING SERVICE

Fig.3

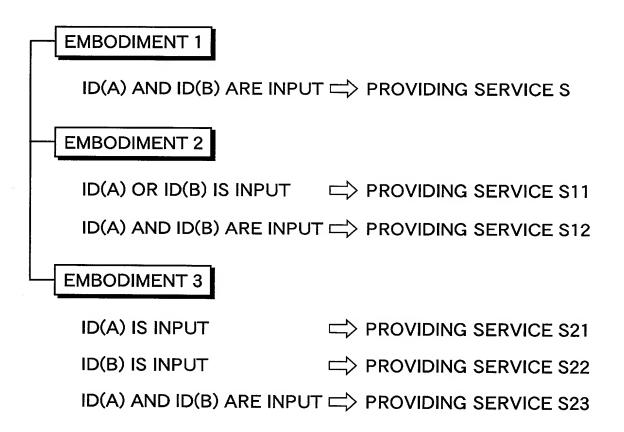


Fig.4

```
ID(A) AND ID(B) ARE INPUT 

PROVIDING SERVICE Sa

ID(B) AND ID(A) ARE INPUT 

PROVIDING SERVICE Sb

EMBODIMENT 2*

ID(A) OR ID(B) IS INPUT 

PROVIDING SERVICE S11

ID(A) AND ID(B) ARE INPUT 

PROVIDING SERVICE S12a

ID(B) AND ID(A) ARE INPUT 

PROVIDING SERVICE S12b

EMBODIMENT 3*

ID(A) IS INPUT 

PROVIDING SERVICE S21

ID(B) IS INPUT 

PROVIDING SERVICE S22

ID(A) AND ID(B) ARE INPUT 

PROVIDING SERVICE S23a

ID(B) AND ID(A) ARE INPUT 

PROVIDING SERVICE S23a

ID(B) AND ID(A) ARE INPUT 

PROVIDING SERVICE S23b
```

Fig.5

EMBODIMENT 3**

ID(A1) IS INPUT

→ PROVIDING SERVICE S1

ID(A2) IS INPUT
→ PROVIDING SERVICE S2

ID(B1) IS INPUT
→ PROVIDING SERVICE S3

ID(B2) IS INPUT
→ PROVIDING SERVICE S4

ID(A1) AND ID(A2) ARE INPUT
→ PROVIDING SERVICE S5

ID(A1) AND ID(B1) ARE INPUT
→ PROVIDING SERVICE S6

ID(A1) AND ID(B2) ARE INPUT
→ PROVIDING SERVICE S7

ID(A2) AND ID(B1) ARE INPUT
→ PROVIDING SERVICE S8

ID(A2) AND ID(B2) ARE INPUT
→ PROVIDING SERVICE S9

ID(B1) AND ID(B2) ARE INPUT
→ PROVIDING SERVICE S9

ID(B1) AND ID(B2) ARE INPUT
→ PROVIDING SERVICE S9